



17224 U.S. PTO

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MAIL STOP PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 23313-1450

Attorney Docket No. 03151371

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By

Timothy Hubalik  
Signature of Person Mailing Papers

22388 U.S. PTO  
10/705179

Sir:

Transmitted herewith for filing in the U.S. Patent and Trademark Office is the patent application of inventors Thomas H. Barth and Andrew W. Mackie.

Enclosed are:

1. [X] 5 pages of specification, 4 claims, and an Abstract; (6 total pages).
2. [X] Formal Drawings - 2 sheets of drawings; Figures 1, 2, 3, 4 and 5.
3. [X] Unexecuted Declaration and Powers of Attorney.
4. [X] The filing fee is calculated on the basis of the claims existing in the application at 1 above.

Claims as Filed, Less Any Claims Canceled by Amendment							
	(Col. 1)	(Col. 2)	SMALL ENTITY			OTHER THAN A SMALL ENTITY	
FOR:	NO. FILED	NO. EXTRA	RATE	FEE		RATE	FEE
BASIC FEE	XXXXXXX	XXXXXXX	XXXX	\$370	or	XXXX	\$ 770.00
TOTAL CLAIMS	4 - 20 =	0	x9=	\$0	or	x18=	\$ -
INDEP CLAIMS	1 - 3 =	0	x42=	\$0	or	x84=	\$ -
[X] MULTIPLE DEPENDENT CLAIM PRESENTED			+140=	\$0	or	+280=	\$
If the difference in Col. 1 is less than zero, enter "0" in Col. 2.			TOTAL	\$-		TOTAL	\$ 770.00

5. [X] Enclosed is a check in the amount of \$770.00 to cover the filing fee for this application. If there are any additional fees due in connection with the filing of this application, please charge these additional fees to our Deposit Account No. 13-0019.
6. [X] The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to deposit Account No. 13-0019. A duplicate copy of this sheet is attached.

☒ Any patent application processing fees under 37 CFR §§1.16 or 1.17.

☐ The issue fee set in 37 CFR §1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR § 1.311(b).

8. ☒ Enclosed is a return postcard.

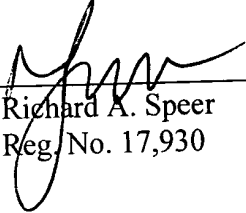
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Respectfully submitted,

Dated: November 11, 2003

By: \_\_\_\_\_

  
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